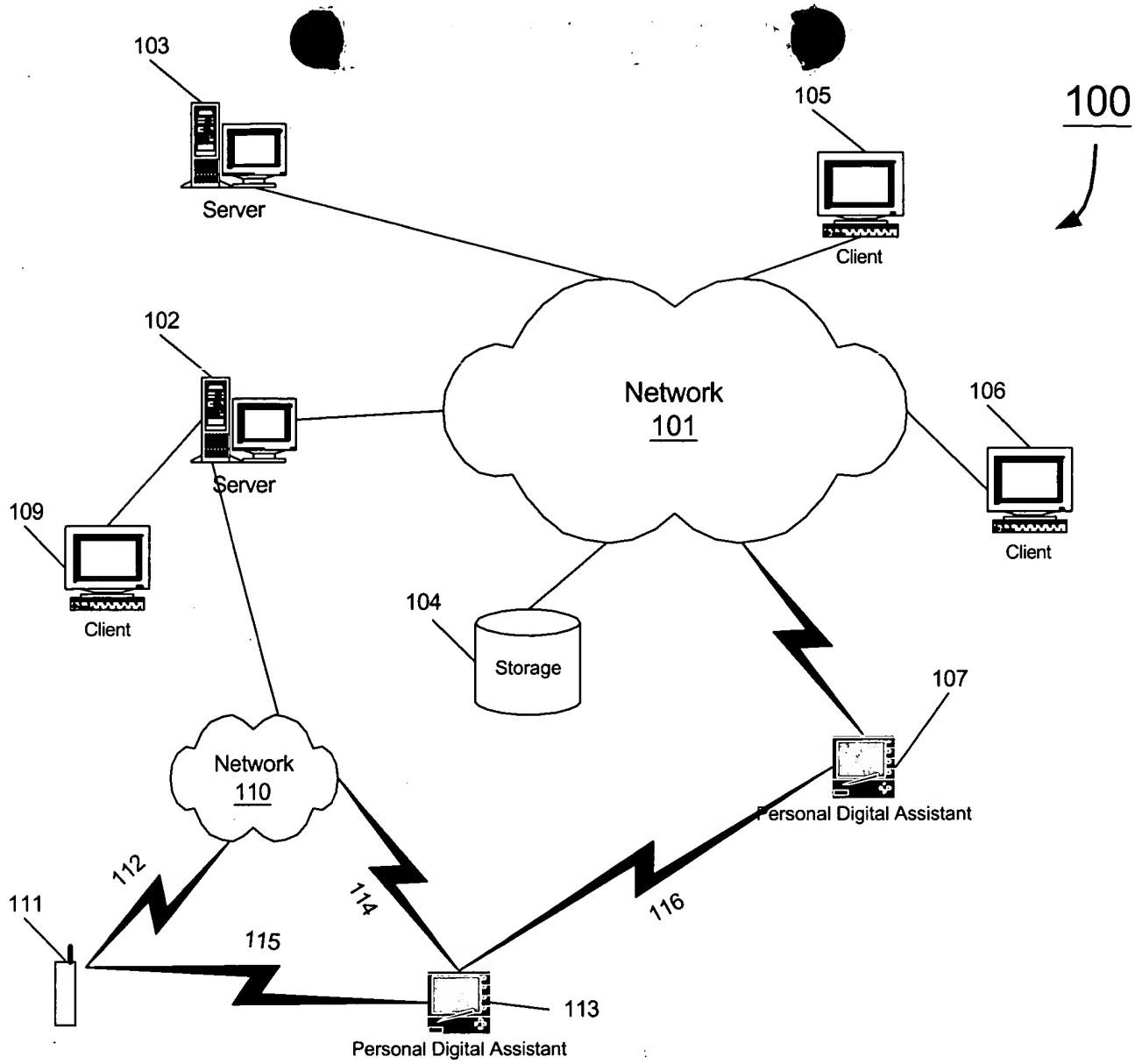
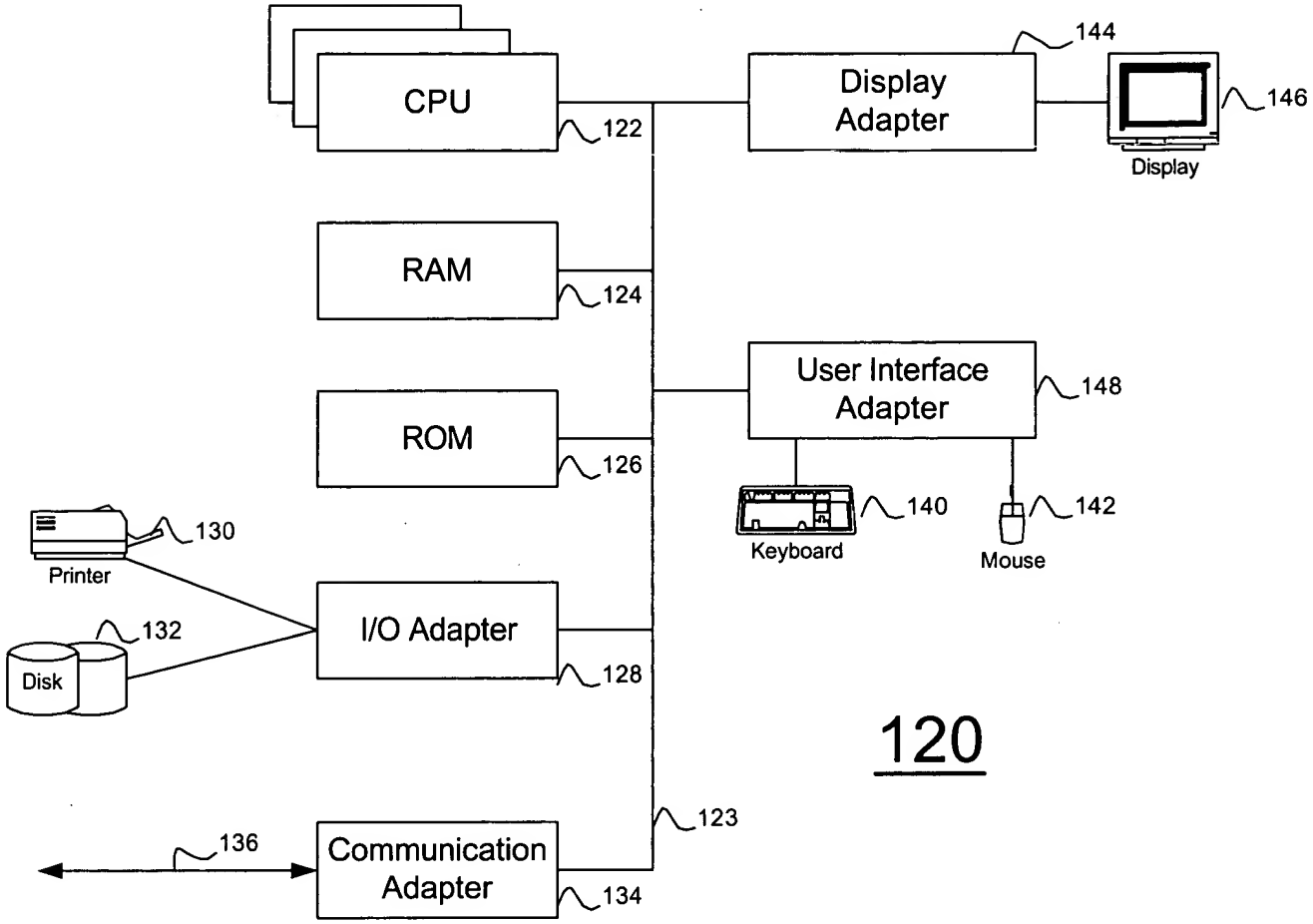


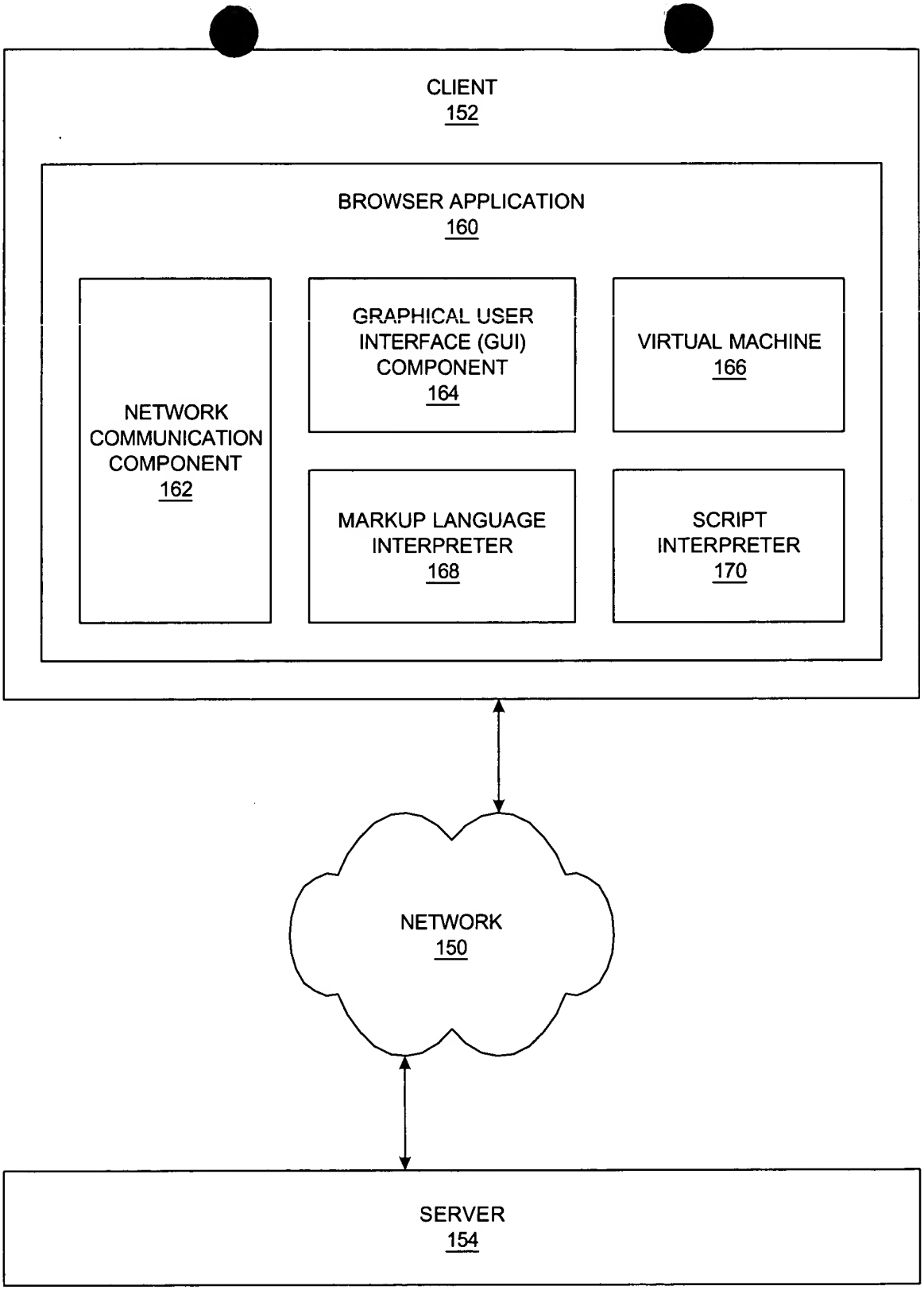
Prior Art

Figure 1A



Prior Art

Figure 1B



Prior Art

Figure 1C

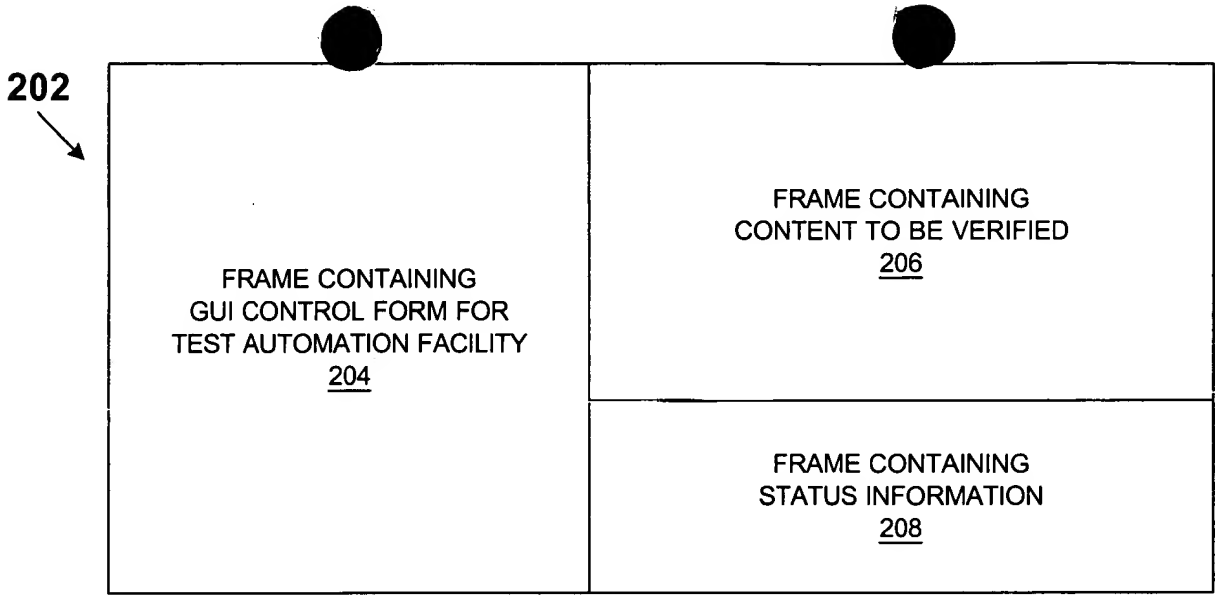


Figure 2A

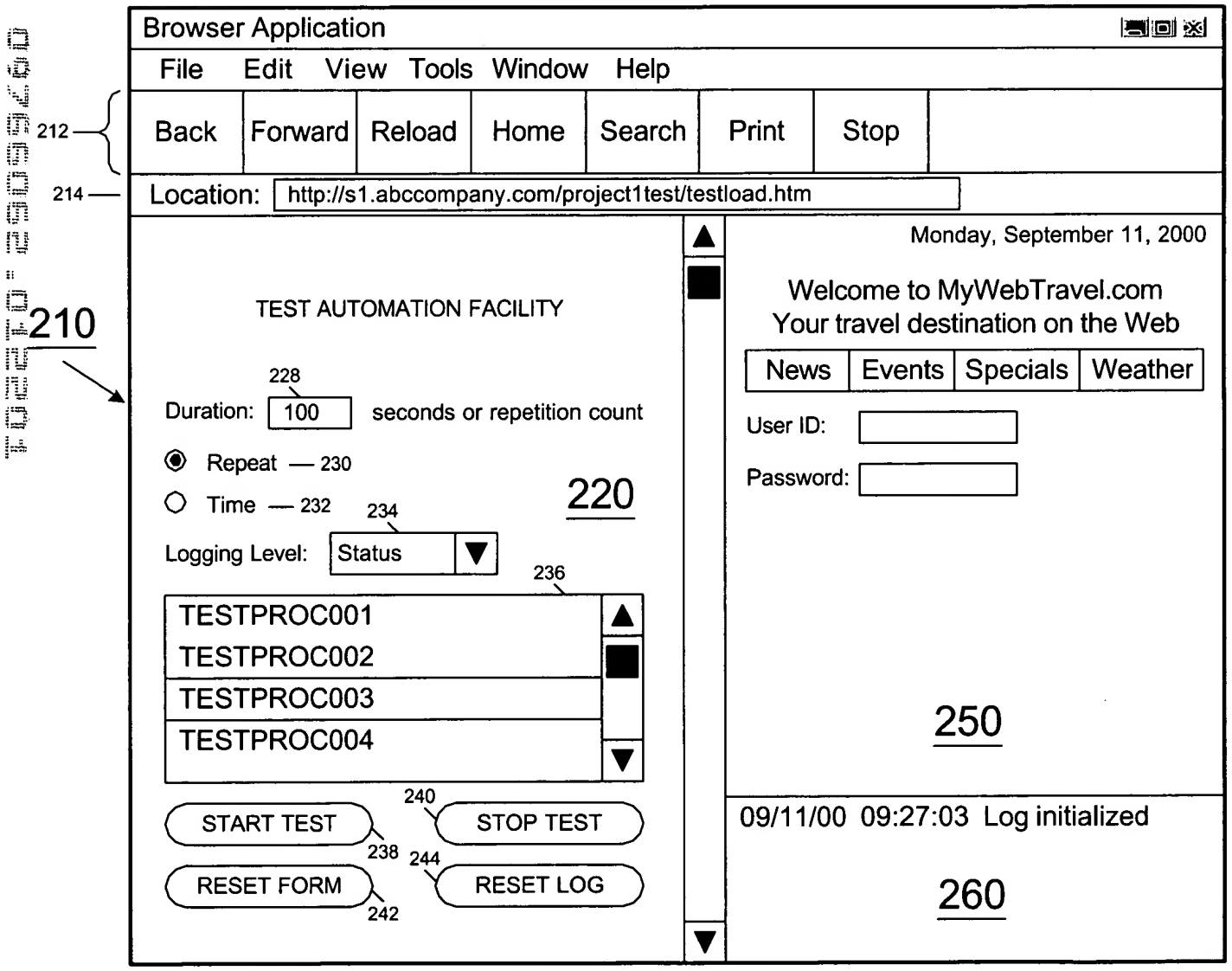


Figure 2B

```
<HTML> <HEA[redacted]TITLE>TEST AUTOMATION FACILITY</TITL[redacted]
308 — <script src="gl[redacted].js"></script>
        <script src="TESTPROC001.js"></script>
        <script src="TESTPROC002.js"></script>
306 —   <script src="TESTPROC003.js"></script>
        <script src="TESTPROC004.js"></script>
310 — <script src="testmain.js"></script>
      </HEAD>
      <BODY bgcolor=white><base target="r_side">
      .
      .
      .
      <FORM name="navcontrol">
302   .
      .
      .
          <SELECT name="testURI" MULTIPLE>
              <OPTION value="TESTPROC001">TESTPROC001</OPTION>
304 —        <OPTION value="TESTPROC002">TESTPROC002</OPTION>
              <OPTION value="TESTPROC003">TESTPROC003</OPTION>
              <OPTION value="TESTPROC004">TESTPROC004</OPTION>
          </SELECT>
      </FORM>
      .
      .
      .
      </BODY>
      </HTML>
```

Figure 3A

```
function brwsrIv ( ) { ... }

function checkControls ( ) { ... }
320 —
function logMsg ( param1, param2 ) { ... }

function clearLog ( ) { ... }
```

Figure 3B

```
function startTest ( ) { ... }

function resumeTest ( ) { ... }
330 —
function timeToStop ( ) { ... }

function stopTest ( reason ) { ... }
```

Figure 3C

```
function resumeTest( ) {
        .
        .
        .
        switch (document.navControl.testURI[nextTestCase].value)
                {
                .
                .
                .
                case 'TESTPROC001':   —— 342
                        parent.r_side.location = "http://s1.abccompany/project1test/XtremeXML/loginForXML.htm    —— 344
                        break;
                default:
                        break;
                .
                .
                .
                }
        .
        .
        .
```

Figure 3D

```
<HTML><HEAD><TITLE>FLIGHT SCHEDULES</TITLE></HEAD>
<BODY bgcolor="#000000" LINK="red" VLINK="red" onLoad="parent.l_side.TESTPROC003( )">    —— 402
        .
        .
        .
</BODY>
</HTML>
```

Figure 4A

```
function TESTPROC003(  ) {   —— 410
        .
        .
        .
        switch (parent.r_side.document.title)   —— 412
                {
                .
                .
                .
                case 'FLIGHT SCHEDULES':   —— 414
                        .
                        .
                        .
                        else { parent.r_side.location = "resumeTest.htm"; }   —— 416
                        break;
                .
                .
                .
                }
        .
        .
        .
```

Figure 4B

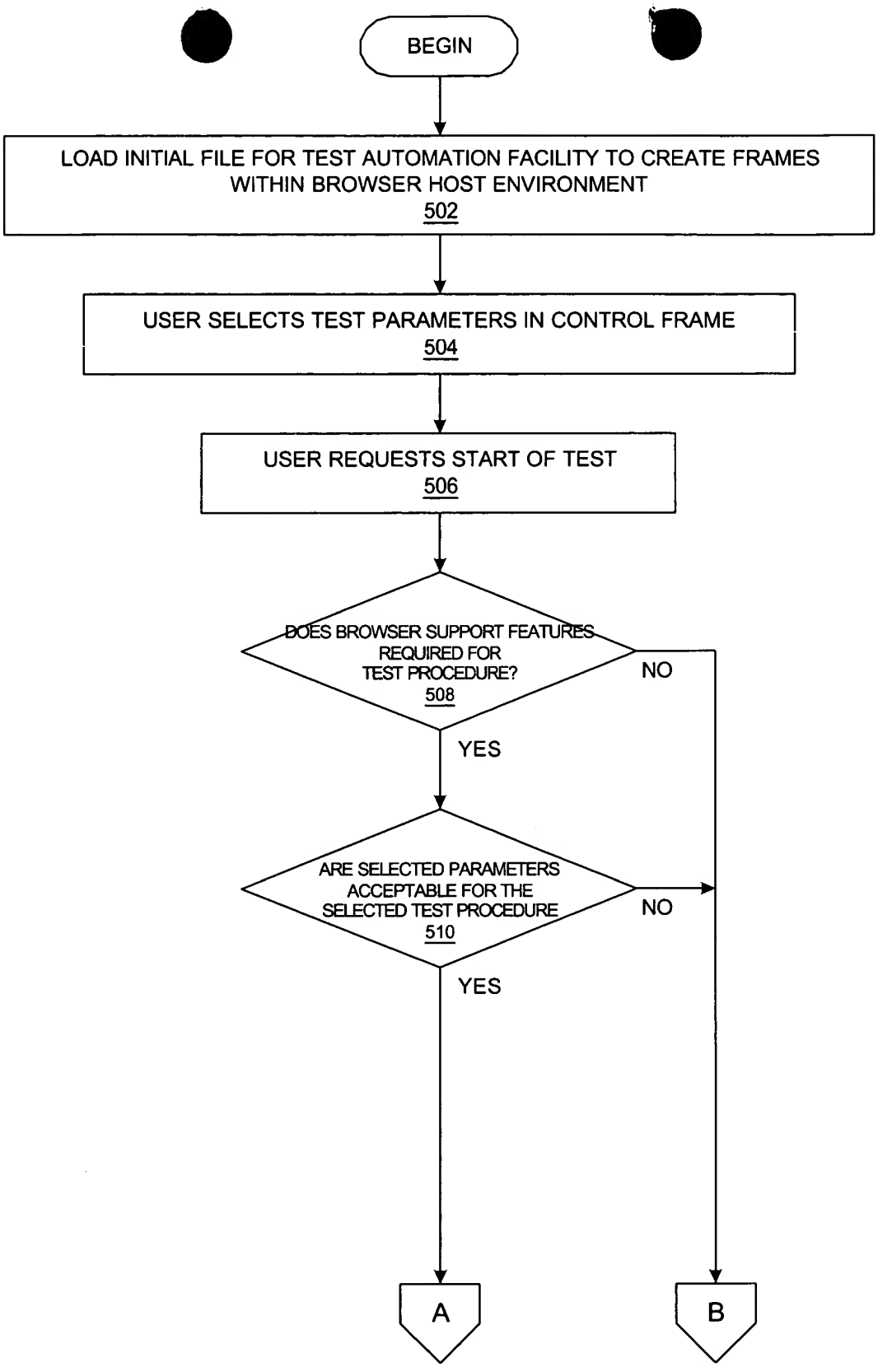

BEGIN
LOAD INITIAL FILE FOR TEST AUTOMATION FACILITY TO CREATE FRAMES WITHIN BROWSER HOST ENVIRONMENT
502
USER SELECTS TEST PARAMETERS IN CONTROL FRAME
504
USER REQUESTS START OF TEST
506
DOES BROWSER SUPPORT FEATURES REQUIRED FOR TEST PROCEDURE?
508
NO
YES
ARE SELECTED PARAMETERS ACCEPTABLE FOR THE SELECTED TEST PROCEDURE
510
NO
YES
A
B

Figure 5A

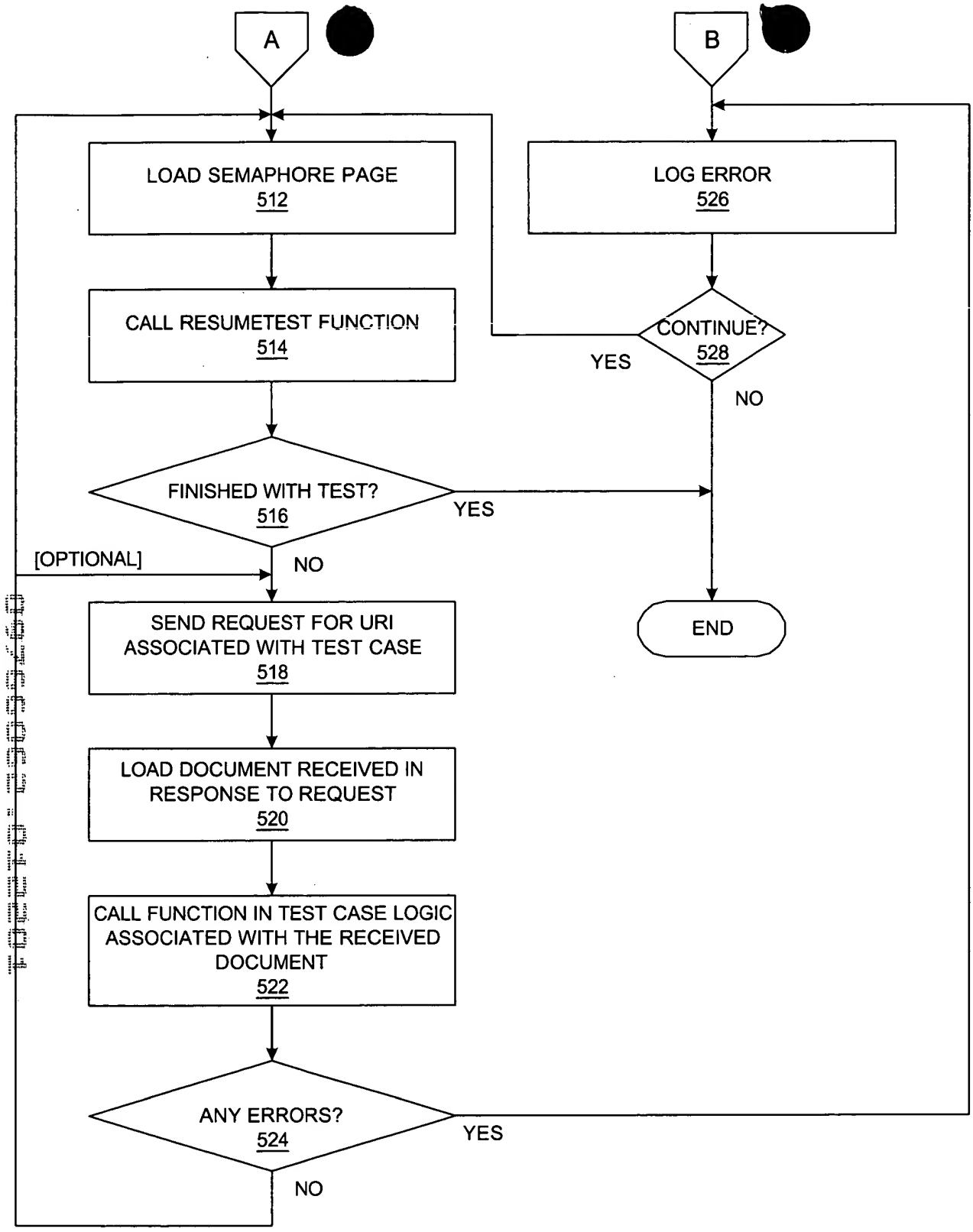

A
B
LOAD SEMAPHORE PAGE
512
CALL RESUMETEST FUNCTION
514
FINISHED WITH TEST?
516
YES
NO
[OPTIONAL]
SEND REQUEST FOR URI ASSOCIATED WITH TEST CASE
518
LOAD DOCUMENT RECEIVED IN RESPONSE TO REQUEST
520
CALL FUNCTION IN TEST CASE LOGIC ASSOCIATED WITH THE RECEIVED DOCUMENT
522
ANY ERRORS?
524
YES
NO
LOG ERROR
526
CONTINUE?
528
YES
NO
END

Figure 5B